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PTO/SB/08A (08-00)

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/055,711
		Filing Date	January 22, 2002
		First Named Inventor	REBAR
		Group Art Unit	1645 1636
		Examiner Name	Unassigned m. kelley
Sheet	1	of	1
		Attorney Docket Number	8325-0025 (S25-US1)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
me	C14	HORI et al., "Artificial Zinc Finger Peptide Containing a Novel His <sub>4</sub> Domain," <i>J. Am. Chem. Soc.</i> 122:7648-7653 (2000).	
↓	C15	HORI et al., "The Engineering, Structure, and DNA Binding Properties of a Novel His <sub>4</sub> - type Zinc Finger Peptide," <i>Nucleic Acids Symposium Series No 44</i> , pp. 295-296 (2000).	

Examiner Signature	<i>Ben Agnew</i>	Date Considered	2/7/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 3

In the Application of REBAR et al.

Confirmation No. 6236

Serial No.: 10/055,711

Art Unit: 1645 1636

Filed: January 22, 2002

Examiner: unassigned

McKelvey

Title: MODIFIED ZINC FINGER BINDING PROTEINS

## U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
<u>me</u>	A-1	5,916,794	June 29, 1999	Chandrasegaran	—	—	
	A-2	6,007,988	December 28, 1999	Choo et al.	—	—	
	A-3	6,013,453	January 11, 2000	Choo et al.	—	—	
<u>✓</u>	A-4	6,140,081	October 31, 2000	Barbas	—	—	

## FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO	
<u>me</u>	B-1 ✓	WO 98/53057	November 26, 1998	PCT	—	—		
	B-2 ✓	WO 98/53058	November 26, 1998	PCT	—	—		
	B-3 ✓	WO 98/53059	November 26, 1998	PCT	—	—		
	B-4 ✓	WO 98/53060	November 26, 1998	PCT	—	—		
	B-5 ✓	WO 00/23464	April 27, 2000	PCT	—	—		
<u>✓</u>	B-6 ✓	WO 00/42219	July 20, 2000	PCT	—	—		

Examiner:

Pamela McKelvey

Date Considered:

2/7/05

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Sheet 2 of 3

In the Application of REBAR et al.

Confirmation No. 6236

Serial No.: 10/055,711

Art Unit: ~~1645~~ 1636

Filed: January 22, 2002

Examiner: unassigned

*McKelvey*

Title: MODIFIED ZINC FINGER BINDING PROTEINS

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
<i>me</i>	C-1 <input checked="" type="checkbox"/>	Blackburn, "Engineering and design: rational versus combinatorial approaches," <i>Curr. Opin. Struct. Biol.</i> <u>10</u> :399-400 (2000)
	C-2 <input checked="" type="checkbox"/>	Choo et al., "Advances in Zinc Finger Engineering," <i>Curr. Opin. Struct. Biol.</i> <u>10</u> (4):411-416 (2000)
	C-3 <input checked="" type="checkbox"/>	Fox et al., "Transcriptional Cofactors of the FOG Family Interact with GATA Proteins by Means of Multiple Zinc Fingers," <i>EMBO J.</i> <u>18</u> (10):2812-2822 (1999)
	C-4 <input checked="" type="checkbox"/>	Jiang et al., "A Novel Family of Cys-Cys, His-Cys Zinc Finger Transcription Factors Expressed in Developing Nervous System and Pituitary Gland," <i>J. Biol. Chem.</i> <u>271</u> :10723-10730 (1996)
	C-5 <input checked="" type="checkbox"/>	Kochoyan et al., "Alternating zinc fingers in the human male associated protein ZFY: 2D NMR structure of an even finger and implications for "jumping-linker" DNA recognition," <i>Biochemistry</i> <u>30</u> :3371-3386 (1991)
	C-6 <input checked="" type="checkbox"/>	Krizek et al., "Ligand Variation and Metal Ion Binding Specificity in Zinc Finger Peptides," <i>Inorg. Chem.</i> <u>32</u> :937-940 (1993)
	C-7 <input checked="" type="checkbox"/>	Lee et al., "Three-dimensional solution structure of a single zinc finger DNA-binding domain," <i>Science</i> <u>245</u> :635-637 (1989)
	C-8 <input checked="" type="checkbox"/>	Merkle et al., "Design and characterization of a ligand-binding metalloprotein," <i>J. Am. Chem. Soc.</i> <u>113</u> :5450-5451 (1991)
	C-9 <input checked="" type="checkbox"/>	Miura et al., "Role of Metal-Ligand Coordination in the Folding Pathway of Zinc Finger Peptides," <i>Biochim. Biophys. Acta</i> <u>1384</u> :171-179 (1998)
	C-10 <input checked="" type="checkbox"/>	Omichinski et al., "High-resolution three-dimensional structure of a single zinc finger from a human enhancer binding protein in solution," <i>Biochemistry</i> <u>29</u> :9324-9334 (1990)

Examiner:

*Pamela McKelvey*

Date Considered:

*2/7/05*

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Atty Dkt No. SABI-018/01US (S25-US1)

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In the Application of REBAR et al.

Confirmation No. 6236

Serial No.: 10/055,711

Art Unit: 1645 ~~1636~~

Filed: January 22, 2002

Examiner: unassigned

McKelvey

Title: MODIFIED ZINC FINGER BINDING PROTEINS

Exam. Init.	Ref. Desig.	Description
DMC	C-11 ✓	Pavletich and Pabo, "Zinc Finger-DNA Recognition: Crystal Structure of a Zif268-DNA Complex at 2.1 Å," <i>Science</i> <u>252</u> :809-817 (1991)
I	C-12 ✓	Qian et al., "Two-Dimensional NMR Studies of the Zinc Finger Motif: Solution Structures and Dynamics of Mutant ZFY Domains Containing Aromatic Substitutions in the Hydrophobic Core," <i>Biochemistry</i> <u>31</u> :7463-7476 (1992)
V	C-13 ✓	Segal et al., "Design of Novel Sequences-Specific DNA-Binding Proteins," <i>Curr. Opin. Chem. Biol.</i> <u>4</u> :34-39 (2000)

Examiner:

Teresa McKelvey

Date Considered:

2/7/05

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